

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	340666	antenna\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/08 10:20
L2	1407	1 & (substrat\$3 near12 (band bandgap (band adj gap)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/08 11:06
L3	128	2 & (metal near5 plate\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/08 10:24
L4	43	3 & propagat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/08 10:24
L5	14	4 & ((within) near12 (band bandgap (band adj gap)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/08 10:32
L6	13	5 & first & second	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/08 10:33
L7	9	5 & ((first & second) near7 antenna\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/08 11:04
L8	9	7 & high\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/08 10:42

L9	1	8 & (bandgap (band adj gap))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/08 10:41
L10	110	1 & (substrat\$3 near12 (bandgap (band adj gap)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/08 10:42
L11	73	10 & (high\$3 near5 frequenc\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/08 10:43
L12	7	11 & ((first & second) near7 antenna\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/08 12:46
L13	252	1 & (photonic near3 (bandgap (band adj gap)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/08 11:04
L14	62	13 & (substrat\$3 near12 (band bandgap (band adj gap)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/08 11:04
L15	12	14 & ((first & second) near7 antenna\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/08 11:06
L16	5	"6433756"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/08 11:06

L17	0	16 & (substrat\$3 near12 (band bandgap (band adj gap)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/08 11:06
L18	0	16 & (substrat\$3 with (band bandgap (band adj gap)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/08 11:07
L19	3	16 & (substrat\$3 same (band bandgap (band adj gap)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/08 12:04
L20	2	"20050068233"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/08 12:04
L21	2	20 & (conductor near3 plate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/08 12:04
L22	2	20 & (plate with rear)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/08 12:32
L23	1	16 & helical	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/08 12:32
L24	0	23 & (bandgap (band adj gap))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/08 12:46

L25	6	10 & helical	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/08 12:44
L26	8	2 & (hip (high near3 impedance near3 ground\$3 near3 plane))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/08 12:45
L27	6	26 & (bandgap (band adj gap))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/08 13:03
L28	1	27 & ((first & second) near7 antenna\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/08 13:04
L29	3	27 & (first & second)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/08 12:49
L30	3	29 & electromagnetic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/08 13:03
L31	1	30 & (frequency with higher)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/08 12:50
L32	3	30 & frequenc\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/08 13:04

L33	53	(daniel near2 sievenpiper).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/08 13:03
L34	23	33 & (bandgap (band adj gap))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/08 13:03
L35	19	34 & electromagnetic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/08 13:03
L36	19	35 & frequenc\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/08 13:04
L37	4	36 & ((first & second) near7 antenna\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/08 13:05
S1	323896	antenna	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 11:59
S2	51133	S1 & (first near7 (antenna element\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 12:00
S3	36428	S2 & (second near7 (antenna element\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 12:01

S4	5070	S3 & substrat\$3 & ground\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 12:30
S5	0	S4 & ((first near7 (antenna element\$1)) with (within near7 bandgap))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 12:06
S6	73	S4 & ((first near7 (antenna element\$1)) with (within near7 band))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 12:09
S7	1	S6 & ((second near7 (antenna element\$1)) with (out near7 band))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 12:12
S8	2	S6 & ((second near7 (antenna element\$1)) same (out near7 band))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 12:08
S9	14	S4 & ((second near7 (antenna element\$1)) same (out near7 band))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 12:08
S10	2	S9 & ((first near7 (antenna element\$1)) with (within near7 band))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 12:11
S11	351	S1 & ((first near7 (antenna element\$1)) with (within near7 band))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 12:12

S12	5	S11 & ((second near7 (antenna element\$1)) with (out near7 band))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 12:13
S13	1422	S4 & resonat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 12:31
S14	4	S13 & (first with (bandgap (band adj gap)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 12:18
S15	4	S13 & ((first & second) with (bandgap (band adj gap)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 12:18
S16	9	S13 & ((first & second) same (bandgap (band adj gap)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 12:16
S17	140	S1 & (first with (bandgap (band adj gap)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 12:21
S18	102	S1 & ((first & second) with (bandgap (band adj gap)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 12:18
S19	0	S1 & ((first & second) with within & (out adj of) & (bandgap (band adj gap)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 12:19

S20	0	S1 & ((first & second) with (within & (out adj of) & (bandgap (band adj gap))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 12:20
S21	0	S1 & ((first & second) with (within & (out adj of) & (band adj gap)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 12:21
S22	0	S1 & (first & second) & (out adj of) & (band adj gap)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 12:21
S23	692	S1 & (first & second) & (band adj gap)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 12:21
S24	102	S23 & (first with (bandgap (band adj gap)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 12:21
S25	16	S24 & resonat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 12:22
S26	6	S25 & substrat\$3 & ground\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 12:23
S27	36389	S1 & ((multipl\$3 plurality) near9 frequency)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 12:24

S28	39658	S1 & ((multipl\$3 plurality) near9 frequenc\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 12:31
S29	1043	S28 & (first near20 within near5 band\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 12:26
S30	5144	S29 (second with (band adj gap))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 12:28
S31	2	S29 & (second with (band adj gap))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 12:29
S32	102	S1 & ((first & second) with (bandgap (band adj gap)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 12:30
S33	91	S32 & (substrat\$3 ground\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 12:31
S34	18	S33 & resonat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 12:31
S35	3	S34 & ((multipl\$3 plurality) near9 frequenc\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 12:33

S36	150	S4 & (bandgap (band adj gap))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 12:34
S37	14	S4 & (within near9 (bandgap (band adj gap)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 12:36
S38	14	S36 & (within near9 (bandgap (band adj gap)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 15:30
S39	0	S38 & ((out-adj of) near9 (bandgap (band adj gap)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 12:37
S40	2	"20040189544"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 15:59
S41	5	"6433756"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 16:00
S42	2	S41 & within & (bandgap (band adj gap))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 16:10
S43	2	S42 & propagat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 16:15

S44	323896	antenna	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 16:15
S45	21803	S44 & (resonan\$4 near12 frequency.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 16:46
S46	254	S45 & within & (bandgap (band adj gap))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 16:16
S47	32	S46 & (substrat\$3 with (bandgap (band adj gap)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 16:45
S48	0	S41 & pbg	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 16:30
S49	20	S46 & pbg	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 16:45
S50	1483	(tanaka near1 makoto).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 16:37
S51	7	S50 & (tbg bandgap (band adj gap))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 16:45

S52	1241	S44 & (tbg bandgap (band adj gap))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 16:45
S53	118	S52 & (substrat\$3 with (bandgap (band adj gap)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 16:45
S54	36	S53 & (resonan\$4 near12 frequency)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 16:58
S55	2	"6518930"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 16:53
S56	31	S53 & overlap\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 16:58
S57	3	S53 & (frequency with overlap\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 17:02
S58	7	S52 & hip	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 17:09
S59	0	S42 & (out adj of)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 17:10

S60	2	S42 & out\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 17:16
S61	1	S60 & prohibit\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 17:17
S62	0	S61 & S51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 17:17
S63	0	S61 & fig	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/08 10:18